MACHINE FOR STUMP BURNING

With Auger Shown in Illustration Two Men Can Bore and Burn One Hundred Stumps in Day.

Burning, if done persistently, is considered by many farmers a much better method of removing pine stumps than dynamiting, pulling or cutting and digging out. To burn properly, a trench must be dug a foot or so deep on one side, and an auger hole bored through on a downward slant from the

The auger hole is usually started just above the surface of the ground, and comes out on the other side just



Boring Machine for Stump Burning.

above the bottom of the trench. A fire is then kindled in the trench, and, as it burns, some of the fire is drawn up into the hole by the draft. This are feeds upon the stump and the hole than cure. burns larger and larger until the stump is practically all consumed.

Usually the stump burns down to a depth of 16 or 18 inches below the surface of the ground, which is well out of the way of the plow. The tar that the method is in use.

ordinary auger, according to Popular Mechanics, but the work is so slow that especially constructed augers of the type shown in the illustration have made their appearance in many parts of the country, particularly in Alabama. The outfit shown weighs HANDY SMALL FRUIT PICKER about sixty pounds and consists of a 1%-inch ship auger about six feet long, mounted on a truck and standard, and turned by a crank mechanfam. With this machine it is possible to bore holes five feet deep in a very short time, and it is said that two men can bore and burn as many as 100 pine stumps a day.

HOSE HOLDER QUITE SIMPLE

Little Wire Device Can Se Adjusted In Few Seconds and Holes in Lawn Not Noticeable.

What is apparently the simplest hose-holder on the market has been designed by a Minnesota man. It is only a little wire device, the shape of a hairpin, with the ends straddled out to form legs, but it answers all tha and more expensive implement and can be adjusted in a few seconds. Furthermore, so small is the holder that the holes made in the lawn by its logs are not noticeable. A wire in one of the slots if and push upcrosspiece that sildes up and down on



Simple Hose Holder.

the uprights holds the nezzle of the hose and the angle at which the stream of water is thrown depends on the altitude of the crosspiece, When the crosspiece sets low the hose is nearly horizontal and the stream east accordingly. To throw the water higher the crosspiece is moved up near the top and the holder given a backward slant that points the hose nozzle skyward.

Vinegar From Cull Apples. A bushel of fruit produces practically 32 pint bottles of fine cider, worth 25 cents a pint wholesale. That means eight dollars for a bushel of fruit. This same older can, by proper handling, be made into 40 pints of vinegar. The price will depend upon the quality and the manner of its marketing. In New York city fine bottled mait cinegar are imported from Europe and sold as high as 35 cents a pint. We can make just as fine vinegars as can be made anywhere in the world.

Result of Heavy Pruning. Where orchard trees have been heavily pruned early in the season. many sprouts or "suckers" will be apt to grow in the center of the trees.

REMOVE ALL FRUIT MUMMIES

Withered Penches Should By Ramoved From Trees Just as Soon as Can Be Been and Burned

After all the fruit has ripened and gone and the leaves have fallen there will still remain on many of the peach trees the dried up remains of peaches. These dry, withered peaches are called mummles, probably because they are dead and yet seem to exist a long time without rotting. Mummled peaches will hang on the tree all fall and winter, and often illi far into the following spring, when the new growing bude and shoots push them off. To all appearances they are harmless.

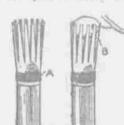
But the mummy on the peach tree is a source of great cvil in the fruit orchard husiness; on its sunken hide ft earries handreds of thousands of spores of disease. Next year these spores, if allowed to remain in the orchard, will be carried by wind, rain and other agencies to other trees, to cause the growing and ripening crop to rot. Many years the peach trees blossom freely, abundance of fruit sets and grows to maturity, the peaches begin to color and ripen, when all at once, within a few days' time, they all begin to rot. Almost before we know it all of the penches on all of the trees in the orchard have rotted. Where there was prospect for a large and valuable crop of perfect peaches now is only more than worthless rotten trash, and all has huppened before we could help ourselves.

The remody for disease in the orchard caused by spores is spraying and washing with Bordeaux mixture. This mixture will kill and keep in check nearly all fungous diseases if the treatment is given in the right way and at the right times. Of course it is needless to make the applications after the disease, or rot, has once gotten under way, any more than it is to give medicine to a sick animal when it is dying. The disease must be taken in time and the medicine given in the early stages, if it is to do much good, and prevention is better

The peach mummies should be removed from the peach trees just as soon in the fall as the falling of the leaves will permit all of them to be seen. Every one of them should be immediately burned to get them out In pine, of course, aids materially in of the way and to kill the spores adthe burning, and it is on pine lands | hering to them to prevent them figing in the air of the orchard and The holes are usually bored by an causing the next season's crop of peaches to rot. If this is promptly and carefully done every year-in your own orchard and in your neighbors'-there will be less rotten fruit.

As Shown in Illustration Implement Is Cut on End of Bamboo Cane-Fruit Not Bruised.

The picker is cut on the end of a bamboo cane as shown in the Illustration. A cork is inserted on the inside and pushed down below the



Picker for Small Fruit.

cuts and then the cane is wound with purpose of a much more elaborate wire tightly at the place marked A to keep it from splitting, says the Popular Mechanics.

To pick figs or other small fruit, simply insert the stem of the fruit ward on the cane with a slight twist. The fruit will fall into the opening of the cane without being brulsed.



Remember the apple is mostly wa-

Properly thinned fruit trees need

A safe rule to follow: Keep stock out of the orchard.

Coal far is an excellent remedy for the peach tree borer. A catalpa grove will yield its first

crop in about ten years. There is a small trade every fall in potted strawberry plants.

Cut out "water-sprouts" at any time. Also pear-blight and black-A bolt through a weak tree crotch

may save a splft tree-if applied in time.

Posts for light fencing, such as wire or lath, are easily and quickly made

from allanthus. If dead and unsightly limbs have not been taken off the trees, now is a

good time to do so. Thinning the tree fruits has come to stay, like apraying, orchard heating and honest goods in an honest pack-

If the strawberry plants are vigorous, and the bed not too weedy, it may pay to renovate it for another

If you spray you will have appleatoo many for the trees to carry and the soil to feed in droughty years, at

Big Success Shown by Numbers of Callers at Philadelphia Headquarters.

LOCAL MAN TELLS OF REMARKABLE RELIEF FROM RHEUMATISM IN YEAR'S TIME.

The apparent success with which Professor James M. Minnyon, the world famous health authority has been meeting has started much discussion. Every street car brings dosens of callers to his Laboratories at 250 and Jefferson Streets. Philadelphia, Ps., and every mail brings thousands of letters from people inquiring about Munyon's Camous Health Cuit. Professor Munyon's corps of expert physicians is, kept busy seeing callers and answering the small, Peculiar to say, these physicians prescribe so medicions at all for 55 per cent, of the callers and mail inquiries; health linds, health advice and cuies for right living are given almolutely free. Medical advice and consultation absolutely free.

Munyon's followers seem to be enormous. Those who believe in his theories seem to think he possesses the most marvelnus powers for the healing of all more of discesses.

Munyon's followers seem to be enormous. Those who believe to his theories seem to the theories seem to those who believe to his theories seem to those he possesses the most marvelms powers for the healing of all sorts of diseases. Munyon, himself, laughs at this. He says: "The bundreds of curse which you are hearing about every day in Philisdephia are not in any way due to my personal skill. It is my remedies, which represent the combined brains of the greatest medical specialists science has ever known, that are doing the work. I have paid thousands of deliars for a single formula and the exclusive right to manufacture it. I have paid tens of thousands of deliars for a single formula and the exclusive right to manufacture it. I have paid tens of the best brains in the world and places this knowledge within the reach of the penetral public."

Among Munyon's callers yesterday were many who were suffusiasted. In their praise of the man, One of themself. "For six years I suffered with their praise of the man, One of themself." For any years I suffered with rheimstlam. My arms and legs were affected so hadly that I could hardly work, and I could not raise my arms to my head. The pain was most severe in the back, however, and I was in perfect torture. I tried in many ways to get oured, or even to secure temporary relief, but nothing seemed to bein me until I was persuaded by a friend to try Dr. Munyon's Urle Acid Course. It was the most marvelously acting remedy I ever saw, within a week the pain had most gone and inside of a monit I considered my-nell entirely cured. I can now go out in the work weather—cold, wet or anything else, and I have not felt any surplicion of a return of the duesse. I think that every person who has rheumatism and does not take the Urle Acid Course is making a great mistake."

The continuous stream of callers and mail that comes to Professor James M. Munyon at his laboratories at 6st and Jeffarson Sis., Philadelphia, Pa., keeps Dr. Munyon and his enormous corps of expert physicians busy.

GOOD IDEA.



Reggy-I wish I knew what character to assume at the masquerade party tomorrow night.

Cholly-Put a display head on yourself and go as a society column.

To Cheer Her Up. An old Scotswoman, who had put herself to considerable inconvenience, and gone a long way to see a sick friend, learned on arriving that the alarming symptoms had subsided. "An' hoe are ye the day, Mrs. Craw-

ford?" she inquired in breathless anxiety. "Oh, I'm quite weel noo, thank ye,

Mrs. McGregor," was the cheerful an-"Quite weelt" exclaimed the visitor, "an' after me haein' come sae far to

see ye!"

Cautious Supervision. "I'm afraid my work is going to be complicated," said the new

teacher. "In what way?" "Mrs. Cumrox was looking through the text book on arithmetic and it occurred to her to suggest that I refrain from teaching her daughter any ex-

Mrs. Winslow's Soothing Syrup for Children testling, softens the gums, reduces inflamma-tion, allays pain, cures wind colic, 25c a bottle.

ample of improper fractions."

Many a man doesn't realize that he married an angel until she begins to do the harp not.

Lewis' Single Binder straight 50 eigar, You pay 10c for cigars not so good.

A man has to have a strong pull to equal that of a dull rasor,

SPOILED JOKE FOR WILLIE I

And New the Youngster Is Convinced That Women Have No Sense of Humor.

Willie is convinced that women have no sense of humor. Willie is seven, and he judges all women by his mother. What he considered a splendid joke occurred to him, and be resolved to make his father its mute and admiring witness or auditor.

"Mamma," said Willie, "when paps comes home I'll climb up on the stepladder and pretend to be doing something to the picture. Then you may: "Willie, what are you up to?" Then I'll say: 'Up to date.' Won't papa be surprised?"

Papa came home in due time and was hardly ecated before Willie dragged in the stepladder and climbed up to a picture. This was mamma's oue to ask the question that would give Willie the opening for the joke. So mamma hurriedly asked: "Willie, what are you doing up

there?" Willie turned a look of disgust, chagrin and disappointment upon his mother, climbed down the ladder and left the room without a word.

RIGHT HEAVY.



Novelist-I'm so sleepy I can hardly keep my eyes open, and I must finish this chapter tonight.

His Wife-Wait till I get the butcher's bill; I'm sure that will open your

Deaths Due to Dust.

A warning against the dangers of dust was braued recently by the National Association for the Study and Prevention of Tuberculosis, in which it is shown that the percentage of deaths caused by tuberculosis in dusty trades is more than double that for all employed men in the registration area of the United States. While among males generally in the registration area of the United States 14.5 per cent, of all deaths are from consumption the mortality among grinders from this disease is 49.2 per cent, and in hardly any of the dusty trades is it below 25 per cent. The percentage of deaths from tuberculosis among all those exposed to metallic dust is 36.9 per cent; to mineral dust, 28.6 per cent.; to vegetable fibre dust, 28.8 per cent.; to mixed animal and other dust, 25.5 per cent., and to organic, or dust coming from the article being manufactured, 23 per cent.

CHILD'S HEAD A MASS OF HUMOR

"I think the Cutizura remedies are the best remedies for eczema I have ever heard of. My mother had a child who had a rash on its head when it was real young. Doctor called it baby rash. He gave us medicine, but it did no good. In a few days the head was a solid mass, a running sore. It was swful; the child cried continually. We had to hold him and watch him to keep him from scratching the sore. His suffering was dreadful. At last we remembered Cuticura Remedies. We got a dollar bottle of Cuticura Resolvent, a box of Cuticura Ointment, and a bar of Cuticura Scap. We gave the Resolvent as directed, washed the head with the Cuticura Scap, and applied the Cuticura Ointment. We had not used half before the child's head was clear and free from ecsems, and it has never come back again. His head was healthy and he had a beautiful head of hair, I think the Cuticura Ointment very good for the hair. It makes the hair grow and prevents falling hair." (Signed) Mrs. Francis Lund, Plain City, Utah, Sept. 19, 1910.

Although Cuticura Soap and Ointment are sold everywhere, a sample of each, with 32-page book, will be mailed free on application to "Cuticura," Dept. 12 L. Boston.

After a man has had a small ambition gratified he is never happy until he can dig up a larger one to center his hopes on.

Strained.

"What are 'strained relations," ma?" "Well, your pa is an awful strain on the pocketbooks of my relations."

Stop the Pain. The hurt of a burn or a cut stops when Cole's Carbolisaive is applied. It heats quickly and prevents scars. So and So by drugglein. For free sample writs to J. W. Cole & Co., Black Hiver Falla, Wis.

If a man tells a woman she has a musical laugh she will fall for any old joke he may get off.

Do You Want one of these 3,000 Farms?

State Normal Sahgal Jul 33

466,562 Acres

Excellent Train Service

The Direct Route

Prices range from 25c to \$6,00 per aven President Taft has issued a proclamation throw-ing open to astilement the Pine Ridge and Rosebud Reservations located in Bennett and Melletts Countles, B. D.

The land subject to entry will approximate 466,562 acres.

Points of registration are Gregory, Dellas and Rapid City, South Dakots.

Time of registration, October 2nd to 21st Inchenivs, 1911. Drawing begins at Gregory, S. D. October 24th, 1911.

The Best of Everything The lands to be opened to settlement are some of the choicest in South Dakota.

For printed matter and full particulars apply to

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W. L. DOUGLAS *2.50, *3.00, *3.50 & *4.00 SHOES WOMEN wear W.L.Douglas stylish, perfect fitting, easy walking boots, because they give long wear, same as W.L.Douglas Men's shoes. THE STANDARD OF QUALITY FOR OVER 30 YEARS

The workmanship which has made W.L. Douglas shoes famous the world over is maintained in every pair.

If I could take you into my large factories at Brockton, Mass., and show you how carefully W.L. Douglas shoes are made, you would then understand why they are warranted to hold their shape, fit better and wear longer than any other make for the price CAUTION The genuine have W. L. Douglas name and price stamped on bottom



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Vergleichenbe Meberficht.

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und im Stante Miffonel \$ 400.00 \$2,669,360.58 67,015,51 Genra-Etgenthum.... 1,111,586,13 \$4,457,662.22 Passival\$ 5,000.00 6 250,000.00 Meherschuss und Breffde------502,902.34 8,876,00 3,704,759.88 Betal\$13,903.57 \$4,457,662.22

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To Introduce the Gate-Post



WE OFFER THE FOLLOWING PRIZES: First prize, \$15.00 Third prize. Fourth prize, 100 Gate Posts Second prize, \$10.00 To any one person making the most correct words out of the eight letters in GATE POST not using the same letter twice in any one word. Each confestant list must be accompanied with a Gate Post tin foil wrapper and mailed to SPRENGER BROTHERS, PEORIA, ILL. THIS CONTEST CLOSES DECEMBER 1st, 1911

ASE year DEALER for GATE POST TIN FOIL WHAPPER



Constipation Vanishes Forever Prompt Relief-Permanent Cure CARTER'S LITTLE LIVER PILLS never fail. Purely vegeta-ble — act surely CARTERS but gently on the liver. Stop after dinner disprove the complexion, brighten the eyes SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature

DON'T OUT OUT A VARIOUSE VEED TEST ADSUMBLIE THE PORT OF

seed. IDAHO BERIGATION CO., Blekkyld, Man

Haffield with Thompson's Eye Water W. N. U., ST. LOUIS, NO. 35-1911.

If Yours to fintjoring or week, use "RENOVING." Made by Van Viset-Mansfield Drug Co., Memphis, Tenn. Price \$2.00